INSTRUCTIONS

-J03833 REV. 2005-12-14

HIGH INTENSITY DISCHARGE (HID) REPLACEMENT BULB

GENERAL

Part Number

68639-06

Models

This replacement headlamp bulb fits:

- FLHT models equipped with HID Headlamp Kit 68043-04, and
- FLHR models equipped with HID Headlamp Kit 68094-04

NOTE

Hg - Lamp Contains Mercury. Manage in accordance with disposal laws. See: ***http://www.lamprecycle.org/*** *or call* ***1-414-343-4056****.*

Service Manual Required

WARNING

The rider's safety depends upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333a)

NOTE

This instruction sheet references Service Manual information. A Service Manual for your model motorcycle is required for this installation and is available from a Harley-Davidson Dealer.

Kit Contents

There are no Service Parts available for this kit.

INSTALLATION

WARNING

Handle bulb carefully and wear eye protection. Bulb contains gas under pressure, which, if not handled carefully, could cause serious eye injury. (00062b)

CAUTION

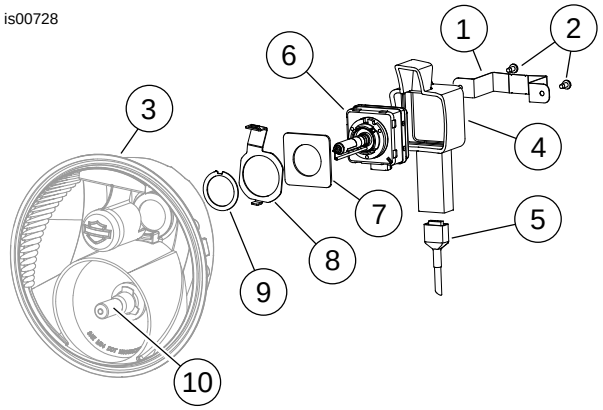
Never touch the quartz bulb. Fingerprints will etch the glass and decrease bulb life. Grab the bulb with paper or a clean, dry cloth. Failure to do so could result in bulb damage. (00210a)

1. Refer to the Service Manual and follow the instructions given to remove the maxi-fuse (later models) or disconnect the negative battery cable (earlier models).
2. Remove the headlamp. See HEADLAMP ASSEMBLY; REMOVAL for your model in the Service Manual. Unplug the high beam connector from the headlamp.

NOTE

The rubber boot (4) and bulb assembly (6) will fall away from the rear of the headlamp reflector in the following step.

3. See Figure 1. Remove the two screws (2) and clip (1) from the rear of the headlamp reflector and lens assembly (3).



1. **Clip, HID boot**
2. **Screw, Phillips head, Hi-Lo, #6 x 5/16 in. (2)**
3. **Headlamp reflector and lens assembly**
4. **Rubber boot, HID bulb**
5. **Connector, HID bulb**
6. **Bulb, HID low beam**
7. **Gasket**
8. **Bracket**
9. **Gasket, HID bulb**
10. **Bulb, halogen high beam**

Figure 1. HID Headlamp Components

4. Pull the rubber boot (4) off of the bulb assembly (6), and slide it down the wire to expose the connector (5).
5. Disconnect the wire connector from the bulb assembly.
6. Remove the gasket (7) from the **old** bulb, and set it aside for assembly to the **new** bulb.

NOTE

Hg - Lamp Contains Mercury. Manage in accordance with disposal laws. See: ***http://www.lamprecycle.org/*** *or call* ***1-414-343-4056****.*

- Use the plastic container and insert from the **new** bulb to re-package the **old** bulb.

CAUTION

Never touch the quartz bulb. Fingerprints will etch the glass and decrease bulb life. Grab the bulb with paper or a clean, dry cloth. Failure to do so could result in bulb damage. (00210a)

7. Install the new bulb in the headlamp, using the gasket removed earlier.
8. Connect the wire connector to the bulb assembly.
9. Slide the rubber boot back up to the bulb assembly (6), and press it into place to cover the rear of the bulb assembly.
10. Press the bulb up against the rear of the headlamp reflector and lens assembly. Install the clip with the two screws removed earlier to retain the rubber boot. Tighten the screws to 6.5-8.5 **in-lbs** (9.0-11.5 Nm)

NOTE

Install the headlamp with the H8 Halogen high-beam bulb (10) toward the bottom, and the HID low-beam bulb toward the top.

11. Install the headlamp. See HEADLAMP ASSEMBLY; INSTALLATION for your model in the Service Manual.
12. Refer to the Service Manual and follow the instructions given to re-install the maxi-fuse (later models) or re-connect the negative battery cable (earlier models).
13. Test the headlamp for proper operation. Check the headlamp beam for proper alignment. See HEADLAMP ADJUSTMENT in the Service Manual.